

North Carolina Weather & Crops Report

Released October 5, 2015



CROP SUMMARY FOR THE WEEK ENDING OCTOBER 4, 2015

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
1.1	4.1	5.6	4.8

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	6	8	30	56
Subsoil Moisture	5	11	49	35
VS= Very Short ST = Short A = Adequate SS = Surplus				

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PHENOLOGICAL:				
Cotton Bolls Opening	87	83	84	87
Soybean Dropping Leaves	54	44	44	41
HARVESTED:				
Apples	70	65	76	71
Corn for Grain	85	80	78	86
Corn Silage	95	93	88	96
Hay 3 rd cutting	64	61	76	63
Sweet Potatoes	27	22	49	42
Tobacco Flue Cured	79	79	84	89
Tobacco Burley	60	60	74	87

CROP CONDITION PERCENT

	VP	P	F	G	EX
Cotton	8	14	24	47	7
Pasture	10	27	37	23	3
Peanuts	4	11	27	51	7
Soybeans	10	17	29	37	7
Sweet Potatoes	2	16	32	47	3
VP = Very Poor P = Poor F = Fair G = Good EX = Excellent					

6-8 inches rainfall over the last week has saturated tobacco and late cucurbit fields delaying harvests and has compromised both crops. Fortunately, flooding has not been significant thus far. Much of the region was near drought conditions prior to this week's rain event and in the long run should help soil moisture conditions greatly. At this time, it is not clear how much soybeans have been impacted by excessive rain on a maturing crop.

Dwayne Tate – Agronomist Region 12

Eleven straight days of rain significantly changed the situation from drought to wet. Precipitation amounts were variable but most of the county received between 6 to 10" of rain in the last week. A few smaller streams overflowed their banks; however, no significant damage has been reported. The higher elevations in the southern portion of the county received the most rain, with Mount Mitchell reporting nearly 26" of rain in the last two weeks. Wet conditions severely impacted field activities.

Stanley Holloway - Yancey County Extension

Region 8 received welcomed but excessive rains over the last week. All crops that were either ready for harvest or being harvested are in a state of decline due to the length of it raining. Even livestock operations are hindered in feeding their livestock. Tractors and livestock are miring up the pastures. Tobacco farmers are having a difficult time in getting their tobacco out of the field.

Robin Watson – Agronomist Region 8

NCDA Region 6 generally spared severe flooding with a few exceptions, with 4.5 to 7 inches of rain over the past 10 days. Rivers have risen to above normal, but many ponds are still below or approaching normal levels due to previous dry weather. The most serious ag impact at this time remains the inability to harvest tobacco, soybeans, cotton, peanuts, sorghum, sweet potatoes as quality deteriorates. Strawberry planting is on hold, as now is the optimum time to do so in this area.

Mike Wilder – Agronomist Region 6

The almost continuous rain prevented fieldwork during the week. Some areas of the county received in excess of 6 inches during this period. Crop conditions have deteriorated across the board and we expect yield and quality losses of those remaining the field. Some fields peanuts have been dug but could not be picked due to weather condition thus they have laid on the ground for ten plus days. Expect increased harvest losses when peanut harvest resumes. Reports of cotton seed sprouting in the bolls.

Richard Rhodes – Bertie County Extension

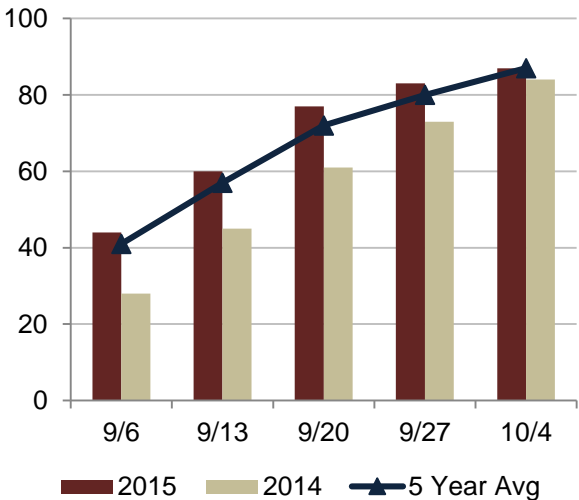
Heavy rainfall the previous week (6"+) combined with non-stop rains Thursday, Friday, Sunday and Monday have caused widespread flooding. Last 20% of field corn acreage may not get harvested because of mold problems. A promising soybean crop is in jeopardy of being completely flooded out due to excessive rainfall - between 13,000 and 14,000 acres annually in Pender County. Will be doing crop damage assessments in the rain today for emergency management and disaster declaration purposes. Stands that were 36"-48" tall with good vigor have lodged and are sitting in standing water as rain continues to fall. Expecting to see seeds to sprout in pods and Sclerotinia problems to damage lodged beans making them unmarketable.

Mark Seitz - Pender County Extension

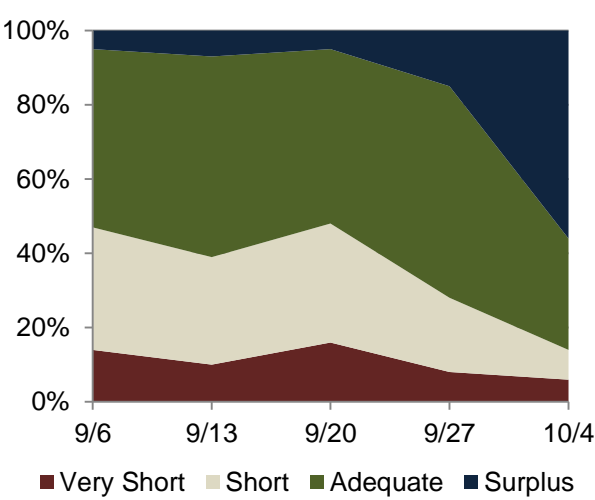
Prolonged periods of rainy weather have declined crop conditions and delayed harvest. Reports of sorghum, cotton, and soybean sprouting before harvest are a growing concern. Time will tell how much impact this streak of wet weather will have across the county. No reports of flash flooding at this point as soils have been able to handle the rates of precipitation.

Mac Malloy – Robeson County Extension

COTTON BOLLS OPENING PERCENT



TOPSOIL MOISTURE PERCENT



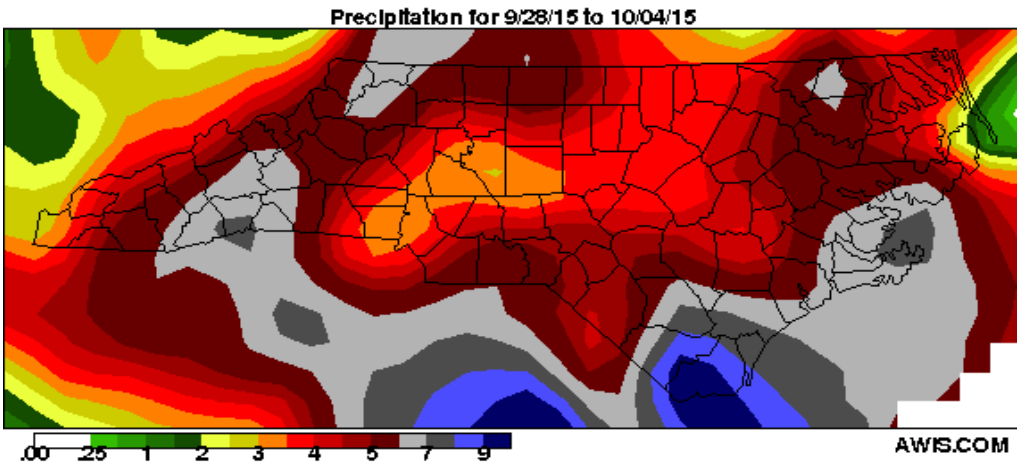
WEATHER SUMMARY FOR THE WEEK ENDING OCTOBER 4, 2015									
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year To Date		This Week				Degree Days (YTD) *
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	
Asheboro	2.78	1.87	34.37	-2.77	83	48	64	-2	4146
Asheville	5.42	4.68	34.27	-2.81	82	53	65	5	3694
Burlington	4.74	3.87	33.93	-2.21	85	49	66	2	4330
Charlotte	3.81	2.97	28.27	-5.52	87	51	68	0	4661
Clayton	4.20	3.32	41.76	5.08	82	53	68	3	4159
Clinton	5.95	5.00	47.52	7.14	83	57	70	4	4509
Dunn	4.43	3.55	43.71	4.38	85	57	71	7	4608
Elizabeth City	5.07	4.15	38.55	-0.08	84	66	75	7	4463
Fayetteville	5.59	4.70	38.78	0.59	88	56	72	6	4900
Gastonia-Gaston	2.41	1.47	24.19	-10.64	86	52	68	3	4603
Goldsboro	3.91	2.97	43.39	2.66	86	59	73	5	4783
Greensboro	4.05	3.15	33.10	-1.25	85	49	66	2	4344
Greenville	6.53	5.55	46.85	6.26	84	60	72	6	4643
Hickory	5.90	5.00	31.34	-7.35	86	50	65	2	4247
Jefferson	8.19	7.39	40.60	1.95	76	47	59	4	2636
Kinston	4.91	3.86	46.72	4.89	87	59	73	7	4516
Maxton	5.63	4.67	36.16	-2.79	86	55	72	4	4819
Mount Airy	4.32	3.43	40.76	3.42	83	51	64	3	3628
New Bern	6.64	5.67	53.21	8.46	87	64	75	7	4803
North Wilkesboro	6.09	5.14	36.64	-3.59	82	51	64	3	3776
Oxford	3.38	2.46	40.39	4.24	82	52	66	2	4082
Raeford	5.90	4.94	43.63	4.68	85	55	70	3	4661
Raleigh-Durham	4.98	4.10	42.64	8.29	83	53	69	4	4534
Reidsville	8.45	7.48	41.51	4.17	83	47	63	-1	3882
Roanoke Rapids	5.27	4.33	39.11	2.50	83	56	69	5	4345
Robbinsville	4.30	3.49	46.76	-4.96	76	55	65	4	3334
Roxboro	4.44	3.46	37.65	1.16	82	51	66	4	3882
Statesville	2.88	2.00	28.38	-7.69	82	48	63	-2	3756
Tarboro	6.91	5.95	37.24	-0.02	82	58	70	5	4423
Vale	3.99	3.01	32.27	-4.87	83	50	64	-2	3983
Wallace	6.65	5.58	51.66	6.45	86	60	73	4	4610
Washington	6.15	5.05	50.52	10.29	85	62	73	7	4525
Waynesville	5.54	4.84	39.96	1.56	75	52	62	5	3055
Whiteville	8.48	7.51	35.00	-6.70	87	59	72	4	4634
Williamston	6.91	5.81	43.11	2.88	85	61	72	6	4469
Wilmington	7.39	6.26	51.24	3.81	89	61	76	6	4924
Wilson	6.11	5.18	44.71	6.45	86	56	70	5	4591
Winston Salem	3.07	2.17	30.21	-4.14	84	49	65	1	4243

¹ Precipitation data considered preliminary *Data not available.

PRECIPITATION SUMMARY

<http://www.awis.com/>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc.



US DROUGHT MONITOR OF NORTH CAROLINA

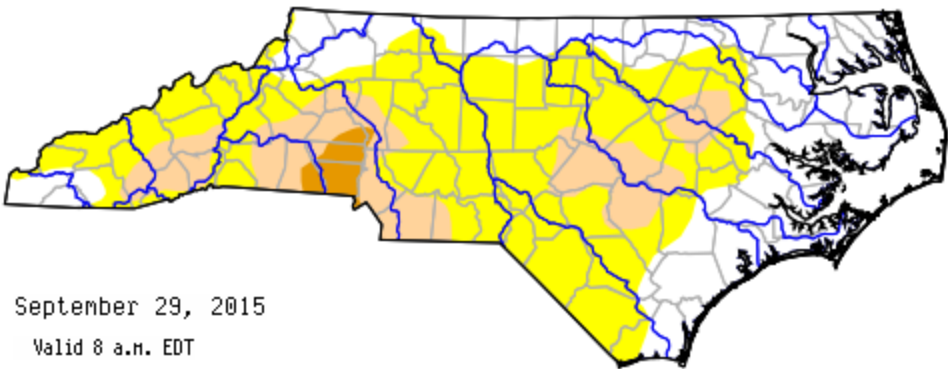
<http://www.ncdrought.org/>

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

September 29, 2015
Valid 8 a.m. EDT



County Boundaries Major River Basins ([View Map](#))
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)